

*Draft Agenda (Feb 24, 04)*

## **Development of Cool Colored Roofing Materials**

### **Project Advisory Committee Meeting**

9 am to 12:30 am (PST)

Thursday, March 4, 2004

California Energy Commission

1516 9th St

Sacramento, California

Tel: 916-653-0948 (Mr. Scruton)

#### **I. Introduction (9:00-9:20)**

- A. Opening remarks and the objectives of the PAC meetings (CEC Project Manager: Chris Scruton)
- B. Introduction of the new PAC members (CEC Project Manager: Chris Scruton)
- C. Introduction of the ORNL and LBNL project staff (Project Director: Steve Wiel)
- D. Project Objectives and Organization (Wiel)

#### **II. Project Updates and Technical Tasks: Review and Discussions (9:20-10:45)**

*Questions to the PAC: Are we on the right track? Is there something else about which we should know to make the project a success?*

- A. Task 2.4: Development of cool colored coatings (Akbari et al.) (9:20-9:40)
  - 1. Identify and Characterize Pigments with High Solar Reflectance (10 min)
  - 2. Develop Software for Optimal Design of Cool Coatings (5 min)
  - 3. Cool Colored Material Database (5 min)
- B. Task 2.5: Development of prototype cool-colored roofing materials (Akbari et al.) (9:40-11:15)
  - 1. Updates on Review of Roofing Materials Manufacturing Methods (5 min)
  - 2. Design Innovative Methods for Application of Cool Coatings to Roofing Materials (90 min)- Including discussions/presentations by industrial partners.
- C. Task 2.6: Field-testing and product useful life testing (Miller/Desjarlais) (11:15-11:45)
  - 1. Building Energy-Use Measurements at California Demonstration Sites (15 min)
  - 2. Materials Testing at Weathering Farms in California (10 min)
  - 3. Steep-slope Assembly Testing at ORNL (5 min)

#### **III. Summary, Discussion of Key issues, and Comments from PAC members (11:45-12:25)**

*Questions to the PAC: How can we successfully market cool roofing products? Is what we have done so far useful? Is what we are planning to do useful? Is there something else we can do to improve our performance?*

- IV. Schedule for the next PAC meetings and concluding remarks (12:25-12:30)**
- V. Adjourn (12:30)**
- VI. Lunch (12:30 – 1:30 pm)**
- VII. Visit to Demonstration Site (2:00 – 3:00 pm) (Optional)**